



DEPARTMENT OF THE ARMY
UNITED STATES ARMY TANK - AUTOMOTIVE AND ARMAMENTS COMMAND
Kansas Street
Natick, Massachusetts 01760-5052

REPLY TO
ATTENTION OF

AMSTA-LC-CEA

5 November 2004

MEMORANDUM FOR ALL USERS OF THE DUAL ROW AIRDROP SYSTEM

SUBJECT: Technical Recommendations Concerning the Release Away Static Line used on the Dual Row Airdrop System (DRAS).

1. Purpose: To endorse the Product Manager Force Sustainment Systems (PM-FSS) technical recommendations concerning current packing procedures.
2. The Integrated Logistics Support Center fully endorses the PM-FSS technical findings and recommendations concerning the Release Away Static Line.
3. The following changes are authorized pending the "official" change to TM 10-1670-277-23&P.
 - a. Change Work Package (WP) 0011 00-22 to read; Add new paragraph 4, Modify the canopy bridle loop as follows if it is not rolled. Fold the half of the diameter of the canopy bridle loop at the non-stitched portion. Fold from the centerline on the 1 23/32 inch wide cotton webbing so that it is approximately 3/4 inches wide and wrap it with 2 inch wide cloth back tape.
 - b. Change WP 0011 00-22; The current paragraph 4 will now be paragraph 4a.
 - c. Change WP 0011 00-22 to read; Add new paragraph 4b. Measure the pendulum line length to insure that it is at least 77 inches long (with a maximum of 79 inches) and then mark a line 11 inches from the free end. Route the free end of the pendulum line (which now becomes the bag retaining line), from the outside, thru the bridle loop hole in the deployment bag and attach to the taped or rolled portion of the canopy bridle loop at the marked point on the pendulum line. Tie using a surgeons knot, locking knot and an overhand knot in the running end before packing. S-fold the excess pendulum line/bag retaining line and secure with a retainer band. Place the stowed pendulum line into the deployment bag up against the back of the bag next to the canopy bridle loop hole.



d. Change WP 0011 00-28, Delete paragraph 7n and illustration completely.

e. Change WP 0011 00-30 paragraph 8b (4) to read; Wrap 2 inch cloth backed tape around the release line loop until the complete loop is covered around the loop so that the loop is protected from abrasion by the break tie. Ensure that the canopy bridle loop is positioned out of the hole in the top of the deployment bag approximately 2 inches. Using one turn single of 9/16 inch tubular nylon of suitable length, pass one end of the 9/16 inch tubular nylon through the release line loop, through the bridle loop of the canopy, and back through the release line loop. Secure the ends of the 9/16 inch tubular nylon, over the release line loop with a surgeons knot, locking knot and an overhand knot in the running ends. Allow approximately a 2 inch loop between the release line loop and the bridle loop. Trim ends to approximately 2 inches.

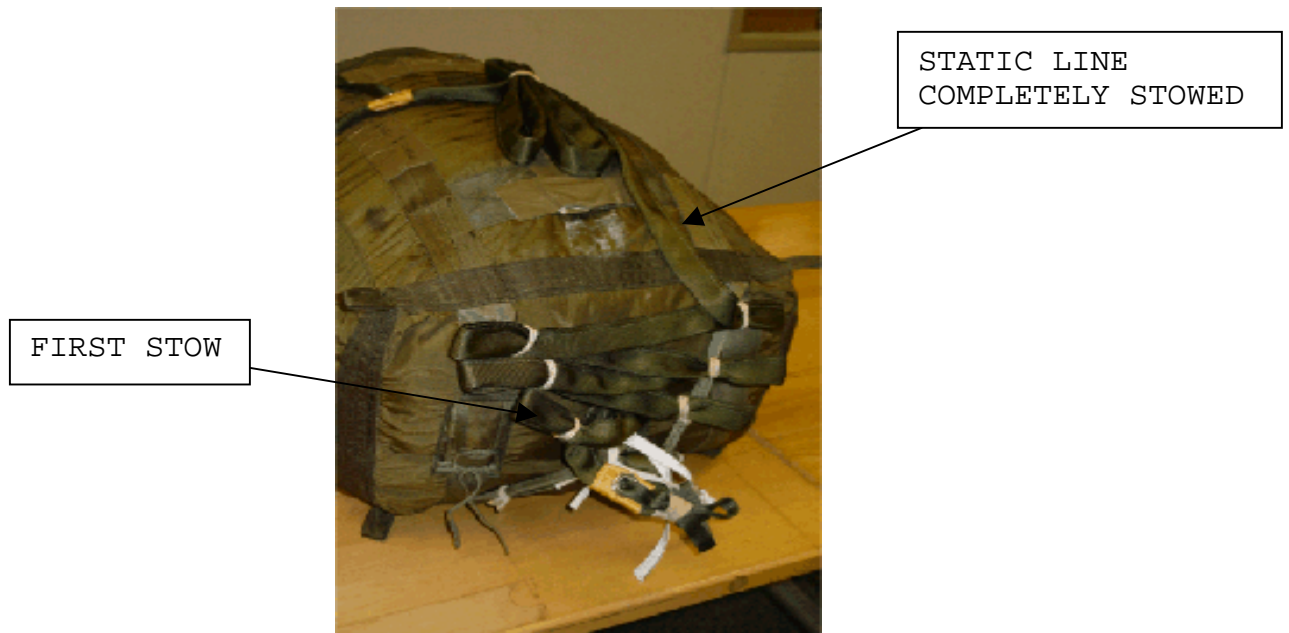


Caution: Move the 2 inch loop to see that it is only attached to the bridle loop and not the bridle straps and that the surgeons knot has an overhand knot at each end of the running ends.

f. Change WP 0011 00-31, Paragraph 8c(8) as follows: S-fold the excess release line at both the anchor line end and deployment bag end and secure to the static line with two retainer bands as follows:. (Ensure that the ID mark on the release line is still visible at the grommet opening when stowing any excess line at each end of the static line). Remove "heavy duty" before "retainer band" in paragraph 8c(8)(a).

g. Change WP 0011 00-33, Remove "heavy duty" before "retainer band" in paragraph 8c(8)(d).

h. Change WP 0011 00-33, Add at the beginning of line 1, Rotate the deployment bag 90 degrees clockwise. In paragraph 8e line 1, delete the word "upper" and replace with "lower". Add a new arrow on the lower portion of the illustration showing the first stow on the lower left side. Change the current arrow on the illustration to read "static line completely stowed".



4. Point of contact for this action is Mr. Steven Manos, DSN 256-5564, Commercial (508) 233-5564, email: steven.manos@natick.army.mil.

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